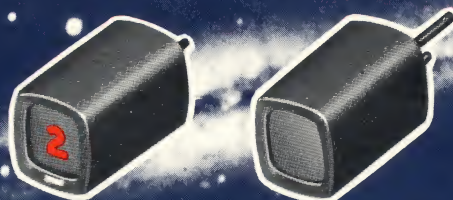




SWITCHCRAFT'S NEW "GLO-BUTTON"*

SERIES X



THE NEW THIRD DIMENSION IN BUTTONS

*Patent Applied For

COMBINES: *the economy of a non-illuminated button with the vivid color-legend display of an illuminated button*

Where there were only two standard buttons—illuminated and non-illuminated—now there are THREE. The new addition looks and functions as a non-illuminated button, but provides a clearly visible color legend display like an illuminated button.

This revolution in button illumination is called the "Glo-Button", Series X. It combines the economy of non-illuminated buttons with the vivid color-legend display of an illuminated button, yet requires no lamp or electrical power.

UNIQUE DESIGN

The "Glo-Button", Series X, is for use on all pushbutton switches with standard .050" x .187" plungers, such as Switchcraft Series 7000, 8000 "Multi-Switches", Series 35000 littel "Multi-Switch" and other switches having maintained plunger action with a maximum of 1/16" fallback.

It has a translucent front screen upon which a design legend is marked in an opaque color. The opaque color provides a background for the legend, while the legend itself remains translucent.

An internal fluorescent illuminator is carried on a pusher which has two legs extending from the rear. When the "Glo-Button" is mounted to a plunger of a pushbutton switch and a station of the switch is actuated the rear legs of the pusher bring the orange-red fluorescent illuminator up to the screen. The legend then magically lights up to reflected ambient light and projects a clearly visible legend or symbol that signals the switch control status.

When a station of the switch is in the unactuated position, the illuminator is recessed and ambient light is not reflected, whereupon the legend or symbol appears to be non-luminous.

COLOR-LEGEND DISPLAY

Legend displays actually seem to "glow" when the fluorescent illuminator is against the front screen. The highly visible color enables the operator to observe the control panel from a distance and recognize the control status of the individual pushbutton switch stations.

Legends are available, as standard, in letters A through R, in numerals 0 through 18 and "ON", "OFF". Refer to page 2 for part numbers. Other legends and/or symbols are available on special order.

APPLICATIONS

This new button is ideal for use on computers, instrumentation, control panels in commercial or industrial equipment, and in any human engineering requirement which calls for positive pushbutton switch control. "Glo-Buttons" provide an economical and reliable method of achieving a visual signal without costly and complex lamps, wiring and power supplies.

For part numbers, prices and specifications, turn page. "Glo-Buttons" are available from your local Switchcraft Authorized Industrial Distributor for immediate delivery at factory prices.

for details contact:

"GLO-BUTTON" SERIES X



PART NUMBERS/TYPE X21248

BLACK OPAQUE SCREEN BLACK BUTTON HOUSING

Legend Letters	Part Number	Legend Numerals	Part Number
A	X21248-A	1	X21248-1
B	X21248-B	2	X21248-2
C	X21248-C	3	X21248-3
D	X21248-D	4	X21248-4
E	X21248-E	5	X21248-5
F	X21248-F	6	X21248-6
G	X21248-G	7	X21248-7
H	X21248-H	8	X21248-8
I	X21248-I	9	X21248-9
J	X21248-J	10	X21248-10
K	X21248-K	11	X21248-11
L	X21248-L	12	X21248-12
M	X21248-M	13	X21248-13
N	X21248-N	14	X21248-14
O*	X21248-O*	15	X21248-15
P	X21248-P	16	X21248-16
Q	X21248-Q	17	X21248-17
R	X21248-R	18	X21248-18
ON	X21248-ON	OFF	X21248-OFF

*Use letter "O" for numeral "0"

U.S.A. List Price—Package of 12—\$15.00

VERSATILITY

Standard "Glo-Buttons" are available with a black plastic body and choice of two contrasting translucent screen colors, black and white. In the above picture, "Glo-Buttons" have been mounted to the plungers of a four-station Series 35000 little "Multi-Switch". This illustrates the wide divergence of legend indication between Type X51248 (buttons 1 and 2) and Type X21248 (buttons 3 and 4).

SERIES X21248

A black opaque screen with orange-red fluorescent illuminator provides a highly visible legend indication of the control status when the button is in the actuated position. When the button is in the deactuated position the legend is hidden, thereby offering maximum contrast between buttons in the "IN" and "OUT" positions.

SERIES X51248

Features a white opaque screen with orange-red fluorescent illuminator to provide a vivid legend indication when the button is in the actuated position. The white screen also affords excellent visual indication of the legend when the button is deactuated.

CONSTRUCTION

"Glo-Buttons" consist of four basic parts: (1) the front screen on which legends or symbols are marked; (2) a black plastic button housing; (3) a pusher with 3/4" legs that extend out the rear of the button; (4) internal fluorescent illuminator. All parts are of rugged, high quality materials. Body and pusher made in precision molds.

MOUNTING

Mounts to standard .050" x .187" plungers. "Glo-Buttons" also feature Switchcraft's patented "push-on" design which allows buttons to be mounted to plungers on either of two planes so that button can be oriented to match horizontal or vertical panel layouts.

Standard length of button legs is 3/4". However, for proper operation of the "Glo-Button", the relationship of the button when mounted on the plunger relative to the butting surface of the pusher legs, as well as the plunger stroke, must be such as to result in a 3/16" depression of the legs when the button is actuated from the normal (OUT) position to the maintained operated (IN) position. Button legs may be trimmed (clipped) to meet this requirement; or can be supplied to proper length where quantities warrant.

A simple formula is listed below for your convenience and aid in determining the exact trim length of the button legs for your particular application.

"L"—is length from front face of panel to end of switch plunger, in maintained operated position. (Do not hold plunger in.)

Minimum length—7/16" on plungers with fallback.

—3/8" on plungers with no fallback.

Maximum length—15/16"

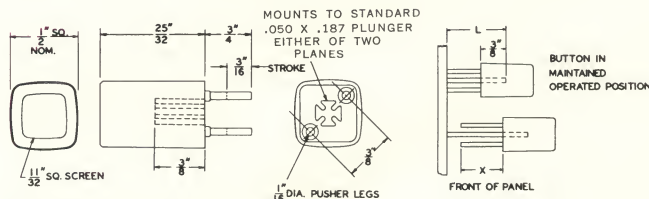
"X"—is trim length of leg extensions.

Minimum trim length—1/4" on plungers with fallback.

—3/16" on plungers with no fallback.

Maximum length (standard)—3/4".

Formula: "X" = "L" - 3/16"



PART NUMBERS/TYPE X51248

WHITE OPAQUE SCREEN BLACK BUTTON HOUSING

Legend Letters	Part Number	Legend Numerals	Part Number
A	X51248-A	1	X51248-1
B	X51248-B	2	X51248-2
C	X51248-C	3	X51248-3
D	X51248-D	4	X51248-4
E	X51248-E	5	X51248-5
F	X51248-F	6	X51248-6
G	X51248-G	7	X51248-7
H	X51248-H	8	X51248-8
I	X51248-I	9	X51248-9
J	X51248-J	10	X51248-10
K	X51248-K	11	X51248-11
L	X51248-L	12	X51248-12
M	X51248-M	13	X51248-13
N	X51248-N	14	X51248-14
O*	X51248-O*	15	X51248-15
P	X51248-P	16	X51248-16
Q	X51248-Q	17	X51248-17
R	X51248-R	18	X51248-18
ON	X51248-ON	OFF	X51248-OFF

*Use letter "O" for numeral "0"

U.S.A. List Price—Package of 12—\$15.00

SPECIALS

Button housings, screens and illuminators are available in various colors on special order. Legs, trimmed to meet your mounting requirements, available only where production quantities warrant special handling. For small quantities, we suggest you order standard buttons and trim legs to suit. We invite your inquiries.



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MATERIAL SPECIFICATIONS

BUTTON SHELL AND BODY: Molded plastic, black.

PUSHER: Molded plastic.

ILLUMINATOR: Fluorescent orange-red.

PAD: Switchcraft plastic foam.

SCREEN: Translucent plastic.

COMPRESSION SPRINGS: Tinned wire.

EYELETS: Brass

We reserve the right to change the prices, specifications and/or part numbers contained herein when circumstances make it necessary.